

FIG. 1

(a)



100 μm
×50

1 EUTECTIC CARBIDE
(BLACK PORTION)

2 BASE MATERIAL
PORTION
(WHITE PORTION)

(b)

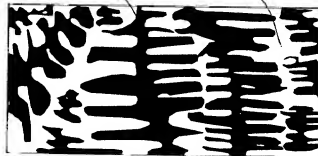


FIG. 2

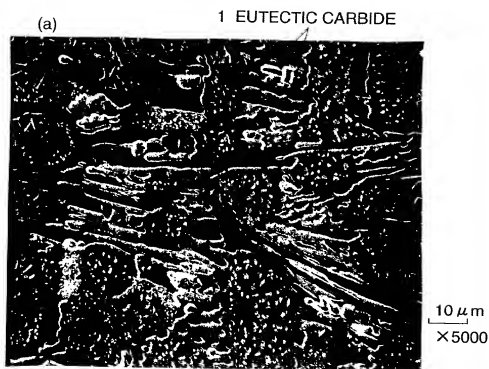


FIG. 3

1 EUTECTIC CARBIDE
(HAVING MAIN COMPONENTS
OF Cr,C,Co,AND W)



1 EUTECTIC CARBIDE
(HAVING MAIN COMPONENTS
OF Cr,C,Co,AND W)

2 BASE MATERIAL PORTION
OF CAST STRUCTURE
(HAVING MAIN
COMPONENT OF Co)

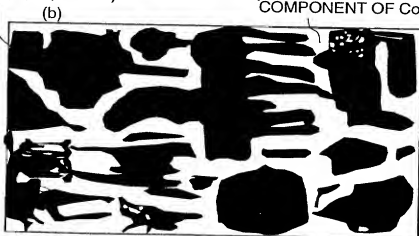


FIG. 4

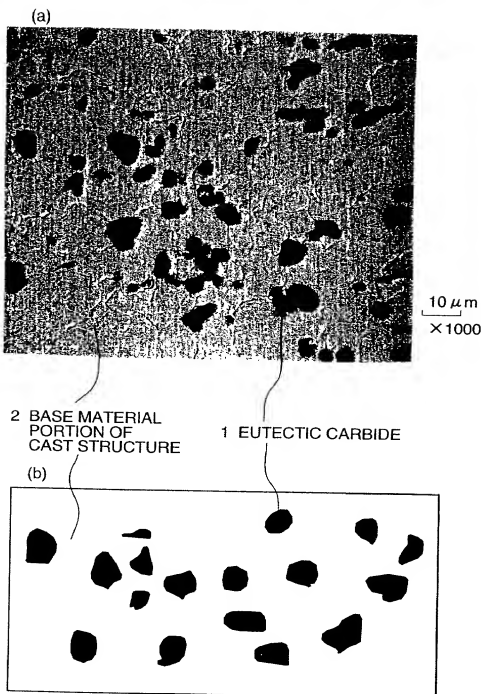


FIG. 5

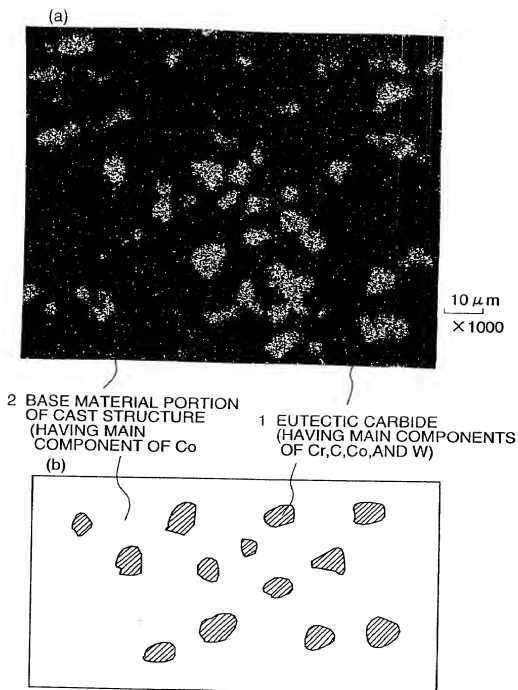


FIG. 6

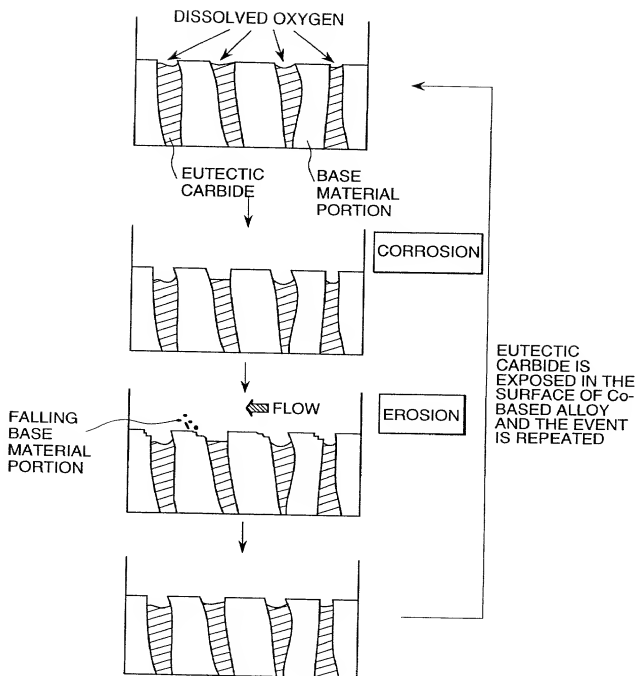


FIG. 7

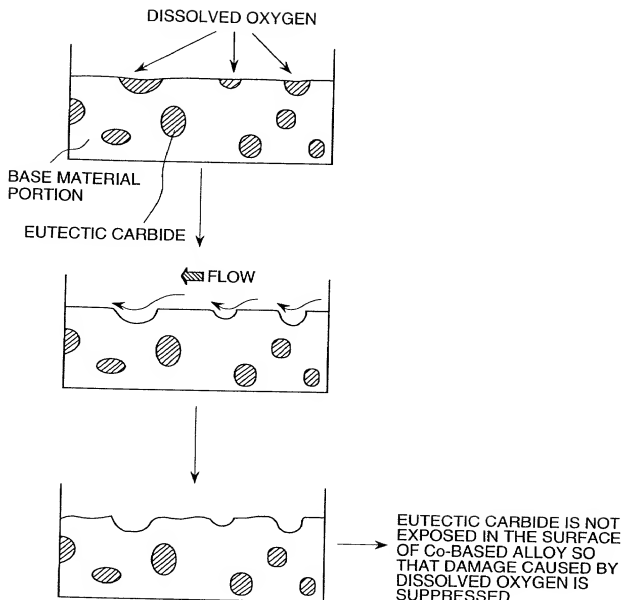


FIG. 8

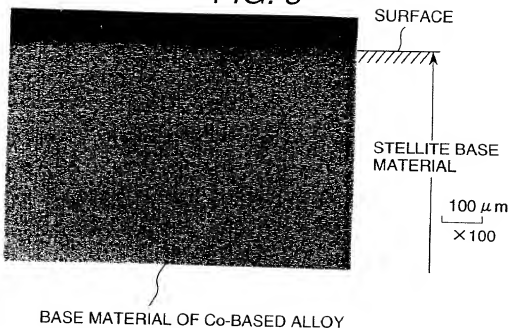


FIG. 9

CHANGE IN COEFFICIENTS OF FRICTION OF
CORROSION-RESISTANT ABRASION-RESISTANT
ALLOY AND CONVENTIONAL Co-BASED ALLOY

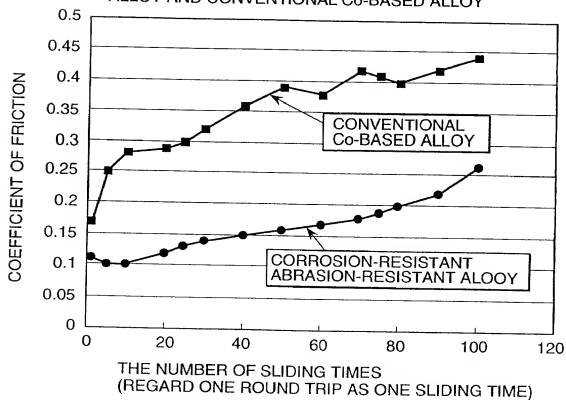


FIG. 10

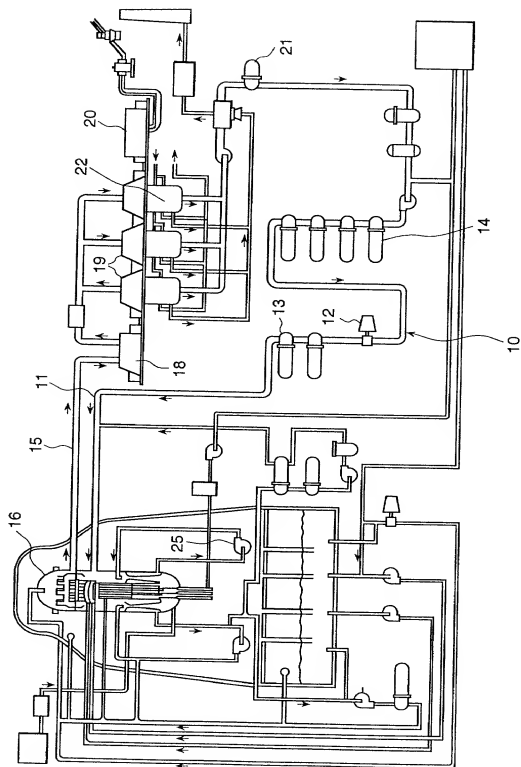


FIG. 11

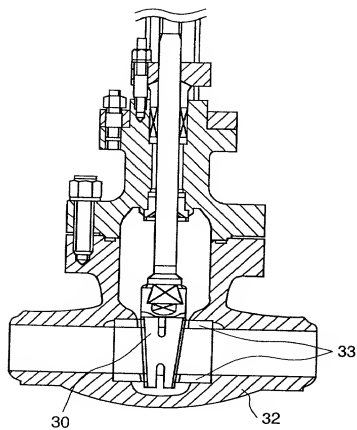


FIG. 12

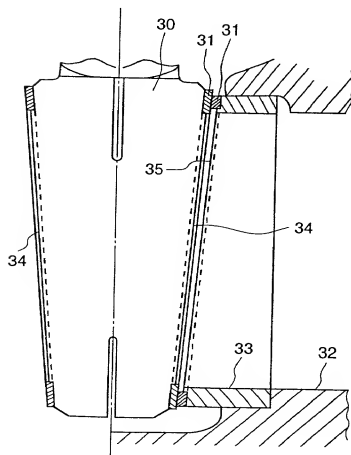
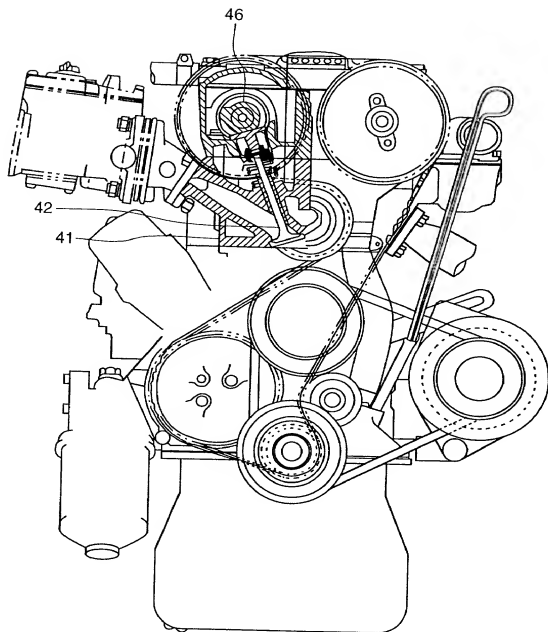


FIG. 13



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FIG. 14

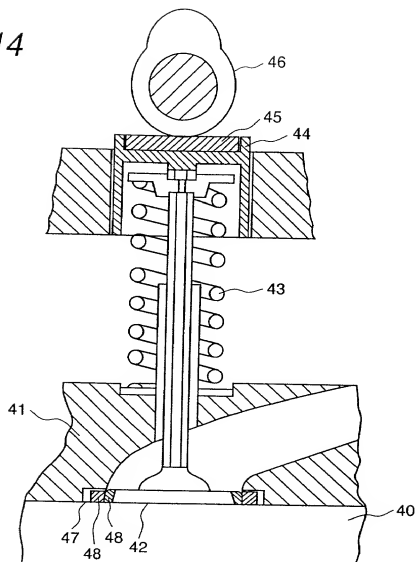


FIG. 15

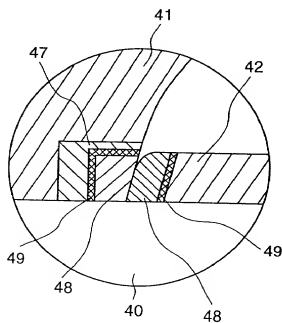


Fig. 16

MECHANICAL SEAL

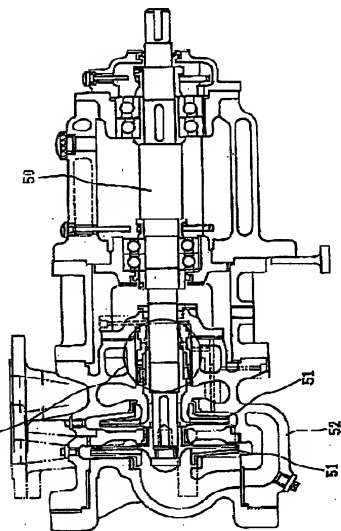


Fig. 17

